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TITLE : COMPOSITE FOR MAGNET

ABSTRACT : PURPOSE: To increase flexibility, resistance to shock, resistance to solvent attack, etc. by compounding silicone oil in a mixture of acid anhydride modified ethylene-butene copolymer resin and polyolefin resin.

CONSTITUTION: 12~25 pts. wt. resin mixture composed of 50~90 wt. % acid anhydride modified ethylene-butene copolymer resin A and 50~100 wt. % polyolefin resin B, and 88~75 pts. wt. ferromagnetic powder are so compound that the sum amount becomes 100 pts. wt. 1~10 pts. wt. silicone oil is compounded in 100 pts. wt. the above composition. The resin A is obtained by graft polymerization of unsaturated acid anhydride in the ethylene-butene copolymer containing, for example, ethylene unit and butene unit in the range of weight ratio 1:9~9:1. The resin B is polyethylen, polypropylene, etc. Thus, flexibility, resistance to shock, resistance to solvent attack, etc. can be increased.

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